

ABSTRACT

[0040] The subject invention provides compounds and methods of producing compounds, which are useful inhibitors of glycosyltransferase enzymes. These compounds represent a new class of glycosyltransferase inhibitors and are potent inhibitors of sialyltransferases. The subject invention also provides methods of treating diseases or conditions associated with glycosyltransferases. Methods of modulating the activity of glycosyltransferases are also provided.